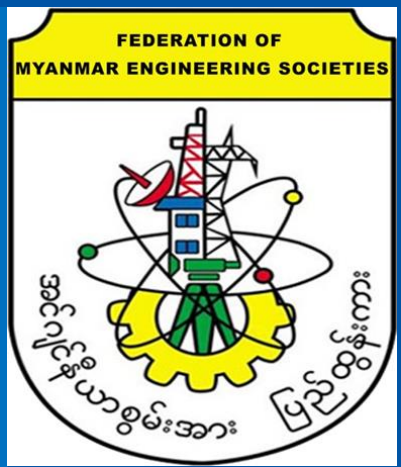




YOUNG ENGINEER COMMITTEE FEDERATION OF MYANMAR ENGINEERING SOCIETIES



www.mes.org.mm

YOUNG ENGINEERS' ACTIVITIES IN MYANMAR

Mr. Khin Maung Myint
Chairman, Young Engineer Committee

Location: Zoom Date: 16th October 2020



Introduction of Young Engineer Committee



BE PROFESSIONAL

About us

The Young Engineer Section of Fed.MES was established with the main objective to provide assistance young engineer's difficulties such as technical issues, educational issues and issue of job opportunities and issues of engineering concerned in regard with public interest.

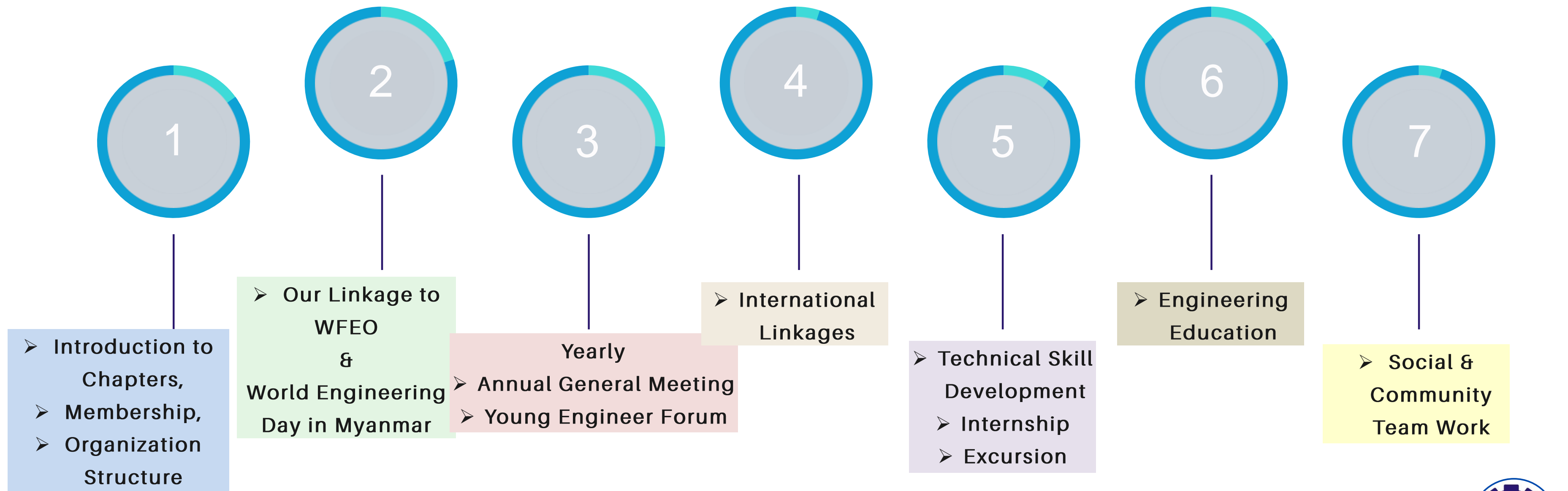
Vision

- To support and create sustainable professional young engineers will be fulfilled with leadership skills, communication skills and technical skills

Mission

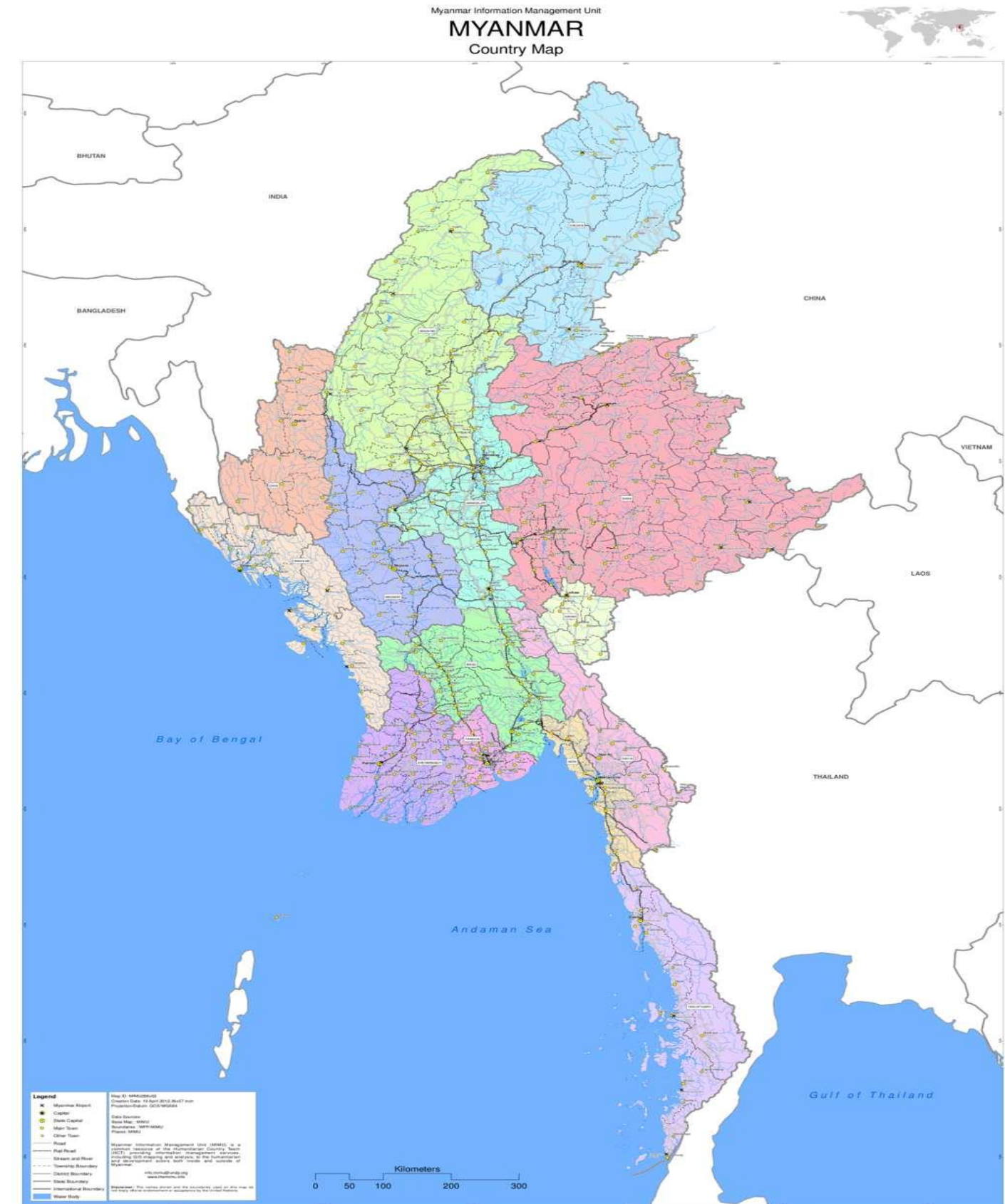
- To influence young engineers with the good leadership skills
- To connect international scholarship programs and meets up international practice in relevant professional fields for young professional engineers.
- To create better good opportunities for young professional engineers.
- To contribute support with engineering skills to the public society.

OUTLINES OF PRESENTATION

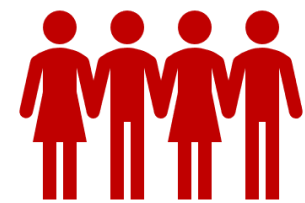
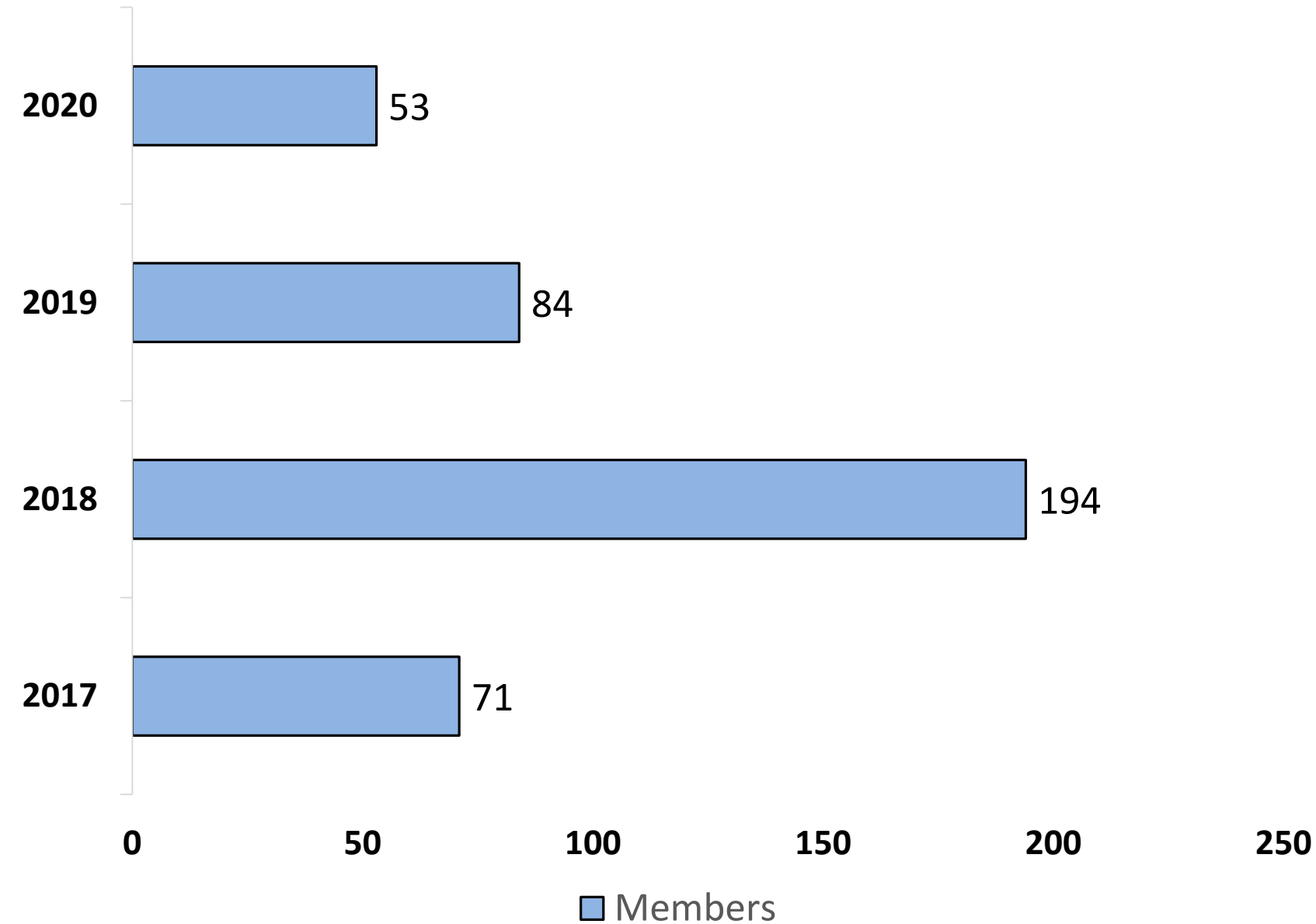


Chapters of Federation of Myanmar Engineering Societies

1. Yangon
2. Mandalay
3. Nay Pyi Taw
4. Taunggyi
5. Maw La Myaing
6. Magwe
7. Monywa
8. Patheingyi
9. Sittwe
10. Loileik
11. Dawei
12. Myittha
13. Bago
14. Hakha
15. Pyaw
16. Lashio
17. Kyaing Tong (Keng Tong)
18. Kalaw
19. Taungtha
20. Hpa-An
21. Myeik
22. Kalay
23. Tachileik
24. Kyaukse
25. Muse
26. Myawaddy
27. Kawthaung



MEMBERSHIP EXPANSION



❖ This year has less registration due to Covid – 19 situation.



9965

25%

Young Engineer Committee Organization Structure - 2020



MR KHIN MAUNG MYINT
CHAIRMAN



MR AUNG THET PAING
VICE-CHAIRMAN



Mr. Aung Zayar Soe
Secretary



Ms Phyu Phyu Aung
Joint - Secretary



Ms Khin Nyein Chan Win
Joint - Secretary



Mr. Thaw Zin
Joint - Secretary



Mr. Soe Pyae Aung
Treasurer



Ms. Win Mon Mon Lwin
Joint - Treasurer



Ms. Khine Khine WitYe
Honorary Auditor



Mr. Ye Wunna Hlaing
Publicist



Mr. Kyaw Swa
Joint - Publicist



Mr. Lin Myat
Joint - Publicist



Mr. Zwe Banyar Myat
Yellow Team Leader



Mr. Kaung Myat Thu
Green Team Leader



Ms. Lin Lin Lett
Red Team Leader



Ms. Chaw Su Su Aye
Blue Team Leader

YOUNG ENGINEER COMMITTEE LINKAGE TO WFEO



World Engineering Day in Yangon



World Engineering Day _Honoring Dinner at Nay Pyi Taw



Welcoming Dinner to President of WFEO in Yangon



WORLD ENGINEERING DAY IN MYANMAR

ACHIEVEMENTS & ACTIVITIES



Honorable Member Award at AFEO, AAER, AETDEW, Fed. MES Annual Dinner and Award Night



Ms. Wai Wai Thaw was awarded as the Young Engineer of the year 2020 and Keng Tone Committee achieved Best Achievement of Young Engineer award for SDGs Goal



Young Engineers Contributed in Technical Project Presentation

ANNUAL GENERAL MEETING OF YOUNG ENGINEER (All chapters included..)



ONLINE 4th Annual General Meeting,
Oct-10,2020

ADAPTATION TO NEW NORMAL LIFE



3rd Annual General Meeting,2019

Future Strategic Discussion by Young Engineers



YOUNG ENGINEER FORUM (Yearly..)

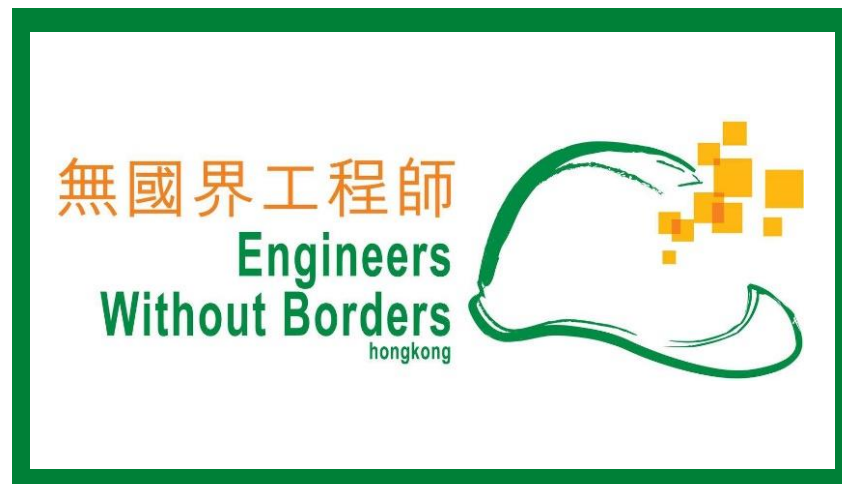


4th Young Engineer Forum in Mandalay



5th Young Engineer Forum in Keng Tong

International Linkages



Engineers Without Borders

Seminar and
Public Works



YEAFEO

ASEAN E-Newsletter
Youth Talent Development



KAPLAN

Scholarship
Opportunities



University College London

Seminar and
Workshop

International Linkages



EWB Global Citizenship Program




Myanmar x Hong Kong Joint Technical Seminar

Organizers:
Young Engineer Committee, Federation of Myanmar Engineering Societies
Engineers Without Borders (Hong Kong)




Session 1
Webinar on BIM for Smart City Development Experience and Roadmap in Hong Kong

Guest Speaker:
Mr. Ron Ng
Manager, Construction Industry Council, Hong Kong (BIM Division)
<https://www.bim.cic.hk/en>

Mr Ng is an expert in BIM, now serving in the Construction Industry Council and mainly responsible for BIM promotion and Implementation across industries. Mr Ng is Chartered Engineer, professional member of the Hong Kong Institute of Building Information Modelling, member of the Chartered Institute of Building, Institution of Engineering and Technology and member of the Asian Institute of Intelligent Buildings.

Online via ZOOM
Language : English
Fee : Free

To Join the webinar
Copy the link
<https://us02web.zoom.us/j/87572542871?pwd=TmMvYmJoSXFHaEsvYzJLZ3M1MFdXZz09>
or
Meeting ID: 875 7254 2871
Passcode: 168294

Session 2
Post Tensioning System for Buildings and Current Market Situation in Myanmar

Guest Speaker:
Ms. Win Mon Mon Lwin
Managing Director, United Civil Structural Designers Co.,Ltd., Yangon, Myanmar

Ms. Win Mon Mon Lwin is a managing director at the United Civil Structural Designers Co.,Ltd. (UCSD). The company services are feasibility study, design management, construction supervision, accredited checking, independent inspection and quantity surveying. She is one of the ASEAN Engineers - 5352 and actively participates as a Joint Treasurer at the Young Engineer Committee, Joint Secretary at the Water Supply and Sanitation Engineering Technical Division of the Federation of Myanmar Engineering Societies.

10th October 2020 (Saturday)

**1:30pm (Myanmar Time)
3:00pm (Hong Kong Time)**

Supporting Organizations:
Construction Industry Council, Hong Kong




For Registration



Contact us
Federation of Myanmar Engineering Societies
Young Engineer Committee
office.yemes@gmail.com
01-519673-6 (Ext-185)

Joint Technical Webinar with Hong Kong



International Linkages

YEA FEO Newsletter 2020 as Chief Editor

YOUNG ENGINEERS OF ASEAN FEDERATION OF ENGINEERING ORGANIZATION



CAFE0 37, Indonesia



CAFE0 36, Singapore



YEA FEO Online Mid-term
Meeting –Aug 2020



COUNTRY PROFILE | SEPTEMBER 2020

YOUNG ENGINEER SECTOR



FEDERATION OF MYANMAR ENGINEERING SOCIETY

YOUNG ENGINEER COMMITTEE

Fed . MES Building, Hlaing
Universities Campus,
Hlaing Township, Thamine
College St, Yangon,
(11052), Myanmar.

+95(7519673 - 6) (Ext - 185)

youngengineercommittee@gmail.com



ABOUT US

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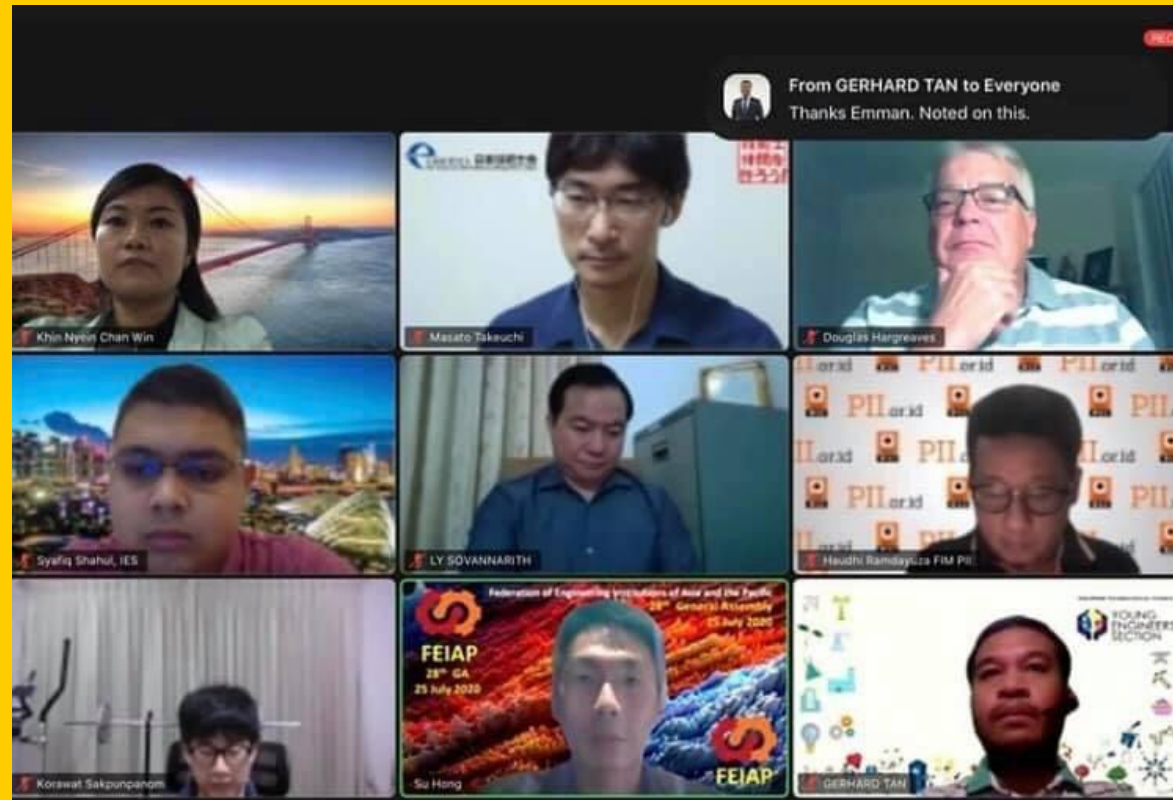
VISION

To elevate and produce sustainable professional young engineers, who have already attained in leadership, communication, technical skills and other essentials.

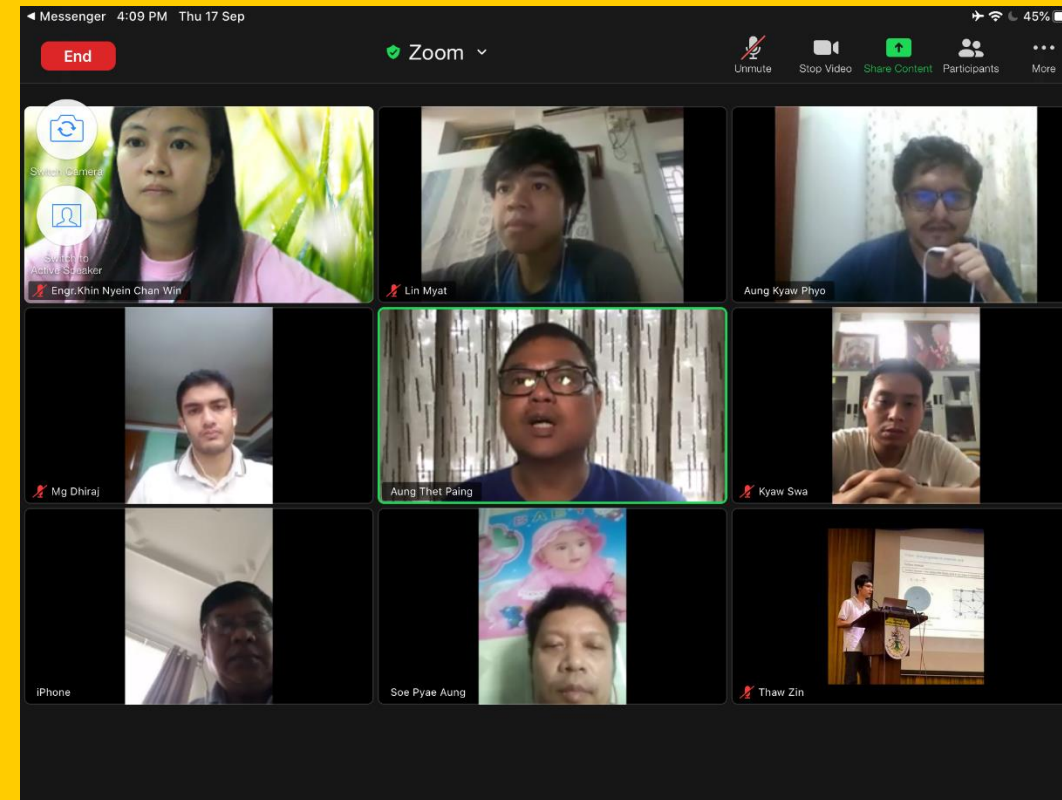
MISSION

- To influence young engineers with the good leadership skills
- To connect international scholarship programs and meets up international practice in relevant professional fields for young professional engineers.
- To create better opportunities for young professional engineers
- To contribute the public society with engineering skills

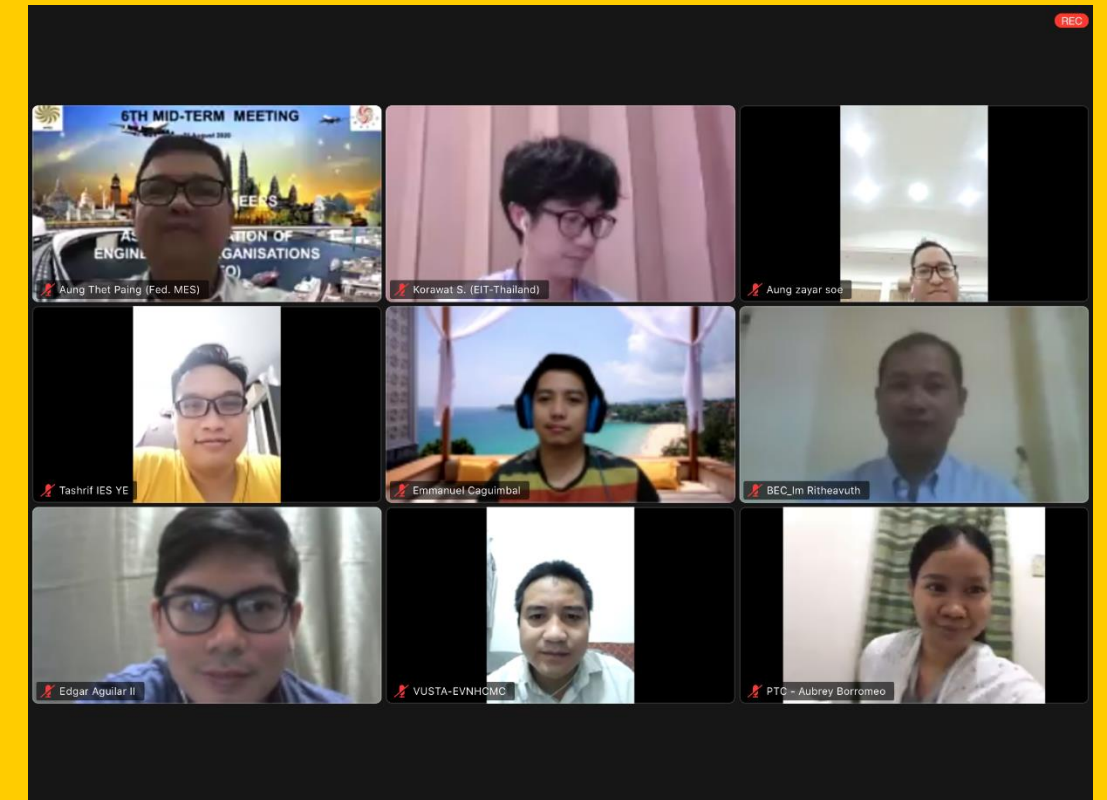




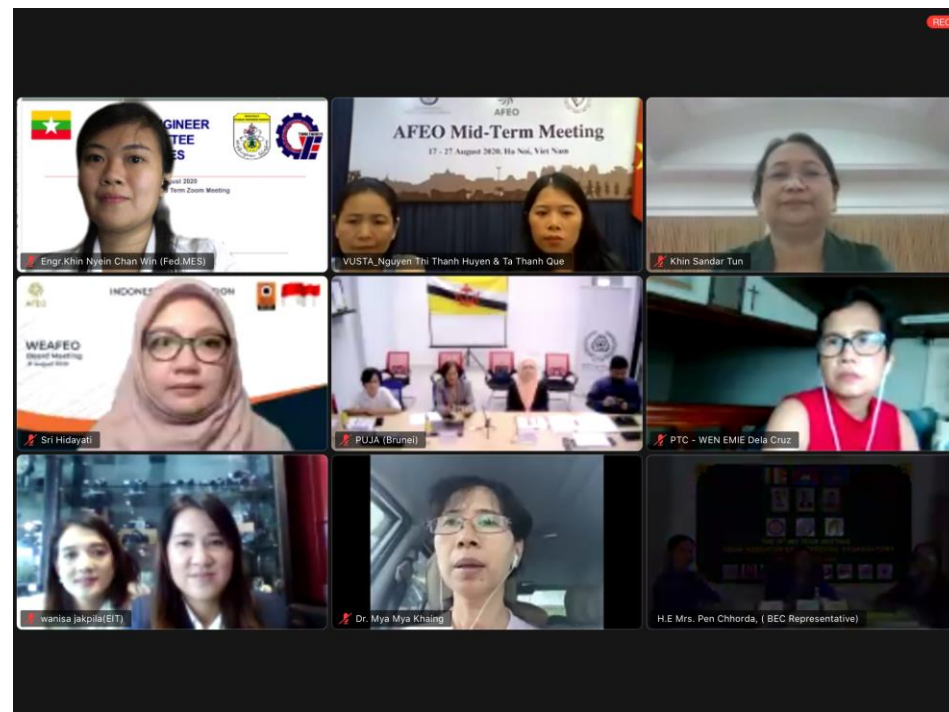
FEIAP (Federation of Engineering Institutions of Asia and Pacific) Meeting On July



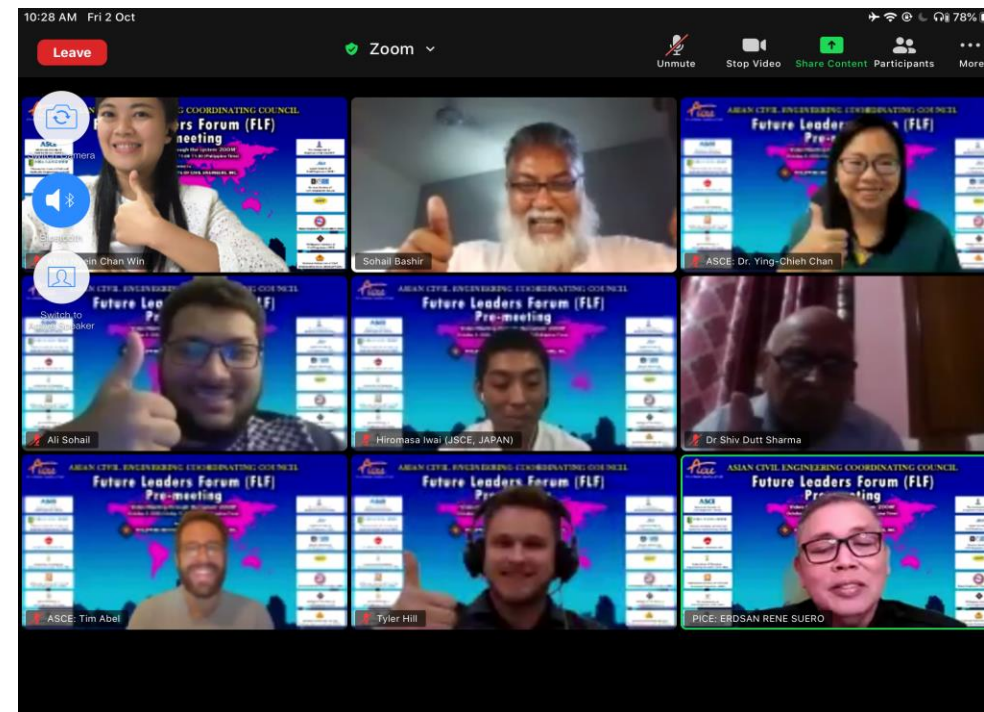
YE App Development Team Meeting for Job Portal in Sept



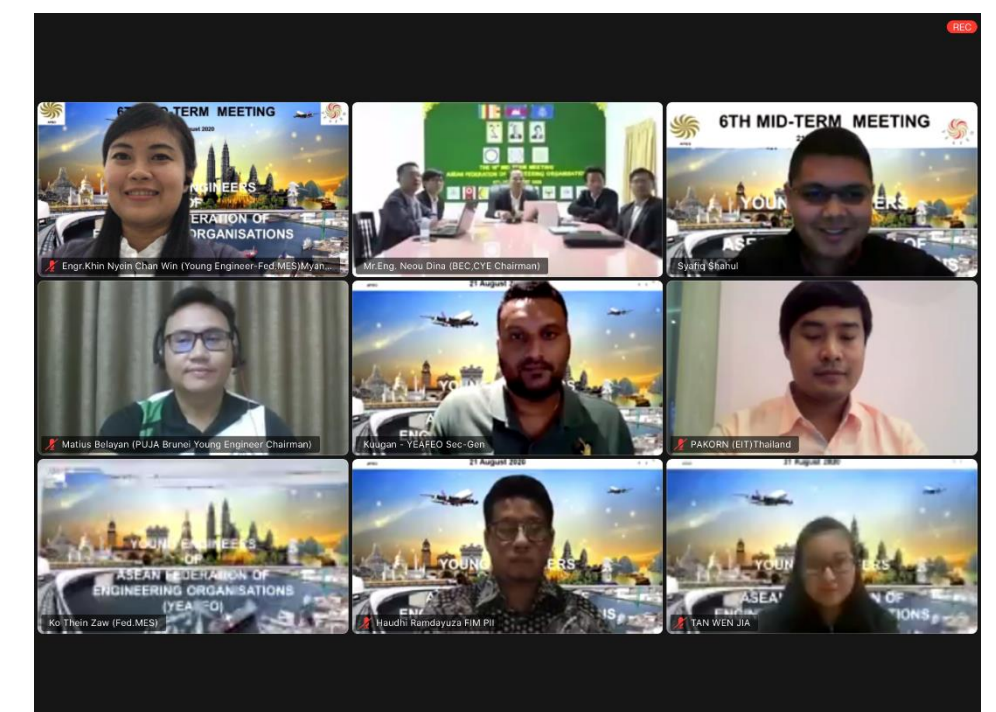
6th Mid Term YEFO Meeting in August



Attending WEFO Meeting in September



Attending Future Leader Forum for Civil Engrs in Oct (FLF)



6th Mid Term YEFO Meeting in August

SOME COLLABORATIVE ACTIONS

[EWB-HK Notice] Ref. N-20200101-01

EWB-HK OVERSEAS PROJECTS VOLUNTEERS RECRUITMENT 2020

SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY 4 QUALITY EDUCATION 6 CLEAN WATER AND SANITATION 7 AFFORDABLE AND CLEAN ENERGY 9 INDUSTRY INNOVATION AND INFRASTRUCTURE 11 SUSTAINABLE CITIES AND COMMUNITIES 15 LIFE ON LAND



With our project development in Myanmar since 2018, different kinds of engineering demand were identified from affordable housing, safe school campus, scarcity of clean water and electricity supply to lighting and also knowledge demand. We would like to gather every talent and power of our Pro Bono volunteers for making response to the community for sustainable solutions to tackle challenges together.

In 2020, we plan to achieve more on

- 1) Knowledge Transfer to partner organization (Construction Management)
- 2) Knowledge Sharing with Vocational School (Civil, Mechanical, Electrical, Electronics Engineering)
- 3) Design of affordable housing (Structural and Civil Engineering)
- 4) Public envisioning activity of Urban Sustainability (Architect, Urban & Infrastructure Planning, Green Building, Environment, Waste Management, WASH)
- 5) Repair services to School for facility enhancement

Application / Enquiry:
Please register as our volunteer by access to <http://www.ewb.hk/renewalvolunteerForm.aspx>.
Please send your application including name, contact telephone number, e-mail address, brief descriptions of you and your experience (if any) to ewb@ewb.hk. Projects preparation by volunteers based in Hong Kong and volunteers from different background are both required.
Contact: Mr. Sam Chan at +852 62317504

Sustainable Building Development in Hong Kong *its evolution, now and future*

Date: 7 June 2019 (Friday)
Time: 6:00pm - 7:30pm
Location: Conference Room, Federation of Myanmar Engineering Societies, Yangon, Myanmar
Speaker: Ir Dr. Vincent Cheng, Director, Hong Kong Green Building Council
Brief: Hong Kong is well known in its high-rise high-density cityscape. From the roll-out of the first voluntarily-based building environmental assessment scheme in Hong Kong over two decades ago, green building development is now a common practice in the public and private sectors in Hong Kong. In the recent years, more new developments are extending from the green-oriented design, to people-oriented, with wider consideration of smart, health, resilience and neighbourhood natures, to achieve a higher level of sustainability.



Dr Cheng is a Director of HKGBC and serves in many professional bodies championing the sustainability of Hong Kong, including Professional Green Building Council, Business Environment Council and Hong Kong Institution of Engineers. He is also a member of Advisory Committee of the School of Energy and Environment of City University of Hong Kong and the School of Engineering of Hong Kong University of Science and Technology.


He has been involving in many pivotal projects including Hong Kong's building environmental assessment scheme BEAM Plus NB version 2.0 consultancy, HKSAR Government CIC Zero Carbon Building, District Cooling projects in Kai Tak District and West Kowloon Cultural District, as well as the number of signature and award-winning buildings in the East Asia region.

Dr CHENG is the Director of Building Sustainability of Arup, and Arup Fellow. He leads a group of engineers and specialists practicing primarily on sustainable developments and low carbon building design in East Asia Region. Dr Cheng has over 20 years of professional experience in building energy efficiency and is an expert in sustainable master planning and building design, specialising in green code formulation, BEAM Plus, HK-BEAM, LEED, WELL assessments, life-cycle energy analysis (LCEA), Air Ventilation Assessment (AVA), District Cooling Systems (DCS). Under his leadership, Arup was named "the BEAM consultant with most BEAM Plus Final and Provisional Platinum Projects" by HKGBC in 2015.

His recent publication (publisher: Wiley)
Building Sustainability in East Asia: Policy, Design and People



UCL
THE BARTLETT
ENERGY INSTITUTE



Invitation to the Workshop on
**Climate Change Impacts on Hydro-generation and Land Suitability
for Agriculture in Least Developed Countries
in the Greater Mekong Sub-region**

Economy and development of the least developed countries in the Greater Mekong Sub-region, namely Cambodia, Laos and Myanmar, heavily depend on hydro-based electricity system and agriculture sector output. Hydro and other renewables such as biomass, wind and solar are expected play a crucial role to enhance the electricity access and also to combat climate change in the case study countries. Unfortunately, climate extremes driven by climate change are particularly detrimental for hydro based electricity system and agriculture sector in developing countries. A UCL research project focusses on building climate resilient economy specifically focussing on hydro generation and agricultural systems in the three least developed case study countries Cambodia, Laos and Myanmar. The project uses existing model results in an efficient and scientific way to gain insights that is useful for policy makers, researchers and other stakeholders to understand the seriousness of the climate change impacts to the case study countries and to understand the importance of taking necessary steps to build a climate resilient economy. As part of the project activities, UCL and Fed.MES jointly organise a half-day workshop via online platform **Zoon** on **13th July 2020** to communicate project findings and also to engage with wider stakeholders.

Workshop Agenda (Myanmar time)

| Topics | Time | Presenter |
|---|------------------|------------------------------|
| Introduction | 1:30pm to 1:45pm | Dr Gabriel Anandarajah (UCL) |
| Introducing climate change impacts: precipitation and water Land suitability. | 1:45pm to 2:00pm | Dr Olivier Dessens (UCL) |
| Climate change impacts on water availability for Hydro generation | 2:00pm to 2:45pm | Dr Femi Eludoyin (UCL) |
| Climate change impacts on land suitability for food and biomass production. | 2:45pm to 3:30pm | Dr Olivier Dessens (UCL) |
| Policy considerations | 3:30pm to 3:45pm | Mr Aung Thet Paing (Fed.MES) |
| Discussion and feedback | 3:45pm to 4:15pm | Participants |

TECHNICAL SKILL DEVELOPMENT



Technical Webinar Series 1

August 22nd



Technical Webinar Series 2

September 26th



Collaborative Practice for Building Design and Construction Seminar

February 1st



Simple Seismic Evaluation for Existing Building short course training with Japan ERS

January 22nd



Youth Talent Development Conferencing Meeting

July 11th

January 14th – 17th

PROCESS & PRODUCTS SHOW 2020



- ❖ Process and Products Show Technical Debate Tournament, Technical Quiz, Technical Project Show
- ❖ Enhancing the students' technical skills, knowledge and ability as well as soft skills, such as public speaking, teamwork skill, etc.



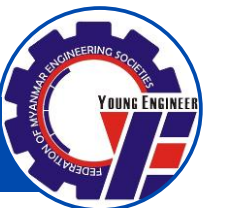


YE FACEBOOK PAGE

YE APPLICATION



- ❖ To create job opportunities
- ❖ To improve technical knowledge
- ❖ All in one Application
- ❖ All Young Engineers' Communication



ENGINEERING EDUCATION



- ❖ Road Inspection Training
- ❖ ADB-Japan Scholarship
- ❖ New Zealand Scholarship, Fulbright scholarship from America, Australia Award Scholarship from Australia, variety of scholarships from Thailand



Internship & Technical Excursion Tour



- ❖ To create career bridge platform
- ❖ To improve technical, engineering skill
- ❖ Brain Dating (Seniors with Juniors)



**INDUSTRIAL
ATTACHEMENT
PROGRAM**

SOCIAL & COMMUNITY ACTIVITIES



Religious Activity & Honoring



Donation for Land slide affected areas

Apr 22

Young Engineer Committee

Donation to Orphanage School

30°C

InstaMag

lighting up the futures



COMMUNITY EXTENSION ACTIVITIES

**Innovated Disinfection Chamber &
Remote Control Car for COVID-19**

**MRTV Channel's interview on
Young Engineers Activities**

https://www.youtube.com/watch?v=GT6xKtzOQ5s&feature=share&fbclid=IwAR2KMLNrLIXo075HdJm5Hnx_OQaxhbauDtp3Gcj0vGRCeCOzWn_HUzRwShc



March 1st



February 25th

SOCIAL & SPORT ACTIVITIES



Performance by Young Engineers in CAEO 37 Dinner



Myanmar New Year Water Festival with Young Engineers



Football Match



Performance by Young Engineers in Honoring Dinner Night



Monsoon Plantation (Green)

THANK YOU !

**Address**

Fed . MES Building, Hlaing Universities
Campus, Hlaing Township, Thamine
College St, Yangon, (11052), Myanmar.

**Contact Number**

+95 (17519673 - 6) (Ext - 185)

**Email Address**

youngengineercommittee@gmail.com